IN THE CLAIMS

Please amend claims 46-47 as indicated below.

1-25. (Cancelled).

26. (Previously Presented) A method implemented in an interactive television system for storage of a pushed program including live data objects, said method comprising:

> receiving a first pushed signal, wherein said first pushed signal includes a
>> program;

> parsing at least a portion of the first pushed signal to extract one or more data
>> objects;

> in response to detecting said program is to be presented immediately:

>> utilizing a first set of said data objects corresponding to said program in
>>> order to present said program immediately, said first set of data
>>> objects including non-live data objects and one or more live data
>>> objects;

> in response to detecting said program is to be stored for deferred playback:

>> storing first data objects of said first set on a mass storage device, in
>>> response to detecting said first data objects are non-live data
>>> objects; and

>> storing a reference to a second data object of said first set on said mass
>>> storage device, in response to detecting said second data object is a
>>> live data object.

27. (Previously Presented) The method of claim 26, further comprising:

> in response to detecting said program is stored on said mass storage device and
>> playback of the program has been requested:
>> retrieving said first data objects from said mass storage device;
>> retrieving said reference from said mass storage device;

utilizing said reference to retrieve a third data object which corresponds to

said second data object; and

presenting said retrieved first data objects and said third data object.

28. (Previously Presented) The method of claim 27, wherein said third data object is retrieved from a second pushed signal.

29. (Previously Presented) The method of claim 27, wherein said utilizing comprises:

generating a request for said third data object from a remote location; and

receiving said third data object in response to said request.

30. (Previously Presented) The method of claim 26, further comprising:

receiving a second pushed signal;

in response to detecting the data objects corresponding to the first pushed signal

reference one or more data objects corresponding to the second pushed

signal, extracting said one or more of said data objects from said second

pushed signal; and

storing said one or more of said data objects from the second pushed signal on

said mass storage device.

31. (Previously Presented) The method of claim 26, further comprising receiving properties associated with the data objects corresponding to the first pushed signal, wherein one or more of said properties are selected from the group consisting of: one or more validity ranges; one or more data object identifiers; one or more version identifiers; and one or more references to a data object.

32. (Previously Presented) The method of claim 26, further comprising:

detecting a cacheable data object of said one or more data objects corresponds to a

program not included in said first pushed signal;

caching said cacheable data object;

subsequently receiving and presenting the program corresponding to the

cacheable data object;

accessing said cached data object; and

presenting said cacheable data object as part of said program corresponding to the

cacheable data object.

33. (Previously Presented) The method of claim 26, further comprising storing a file table with said first data objects.

34. (Previously Presented) The method of claim 26, wherein said first data objects are stored in a first file, and wherein object properties of said first data objects are stored in a second file.

35. (Previously Presented) The method of claim 26, further comprising:

detecting a reference in said first pushed signal to an external data object, wherein

said external data object is contained in a third pushed signal;

selecting the third pushed signal;

extracting said external data object from the third pushed signal; and

storing said external data object.

36. (Previously Presented) The method of claim 26, wherein said reference to said second data object is stored as an object property on said storage device.

37. (Previously Presented) A system comprising:

an interactive television receiver configured to receive a first pushed signal,

wherein said first pushed signal includes a program, and parse at least a

portion of the first pushed signal to extract one or more data objects;

a storage device coupled to said interactive television receiver;

wherein in response to detecting said program is to be presented immediately,

said receiver is configured to utilize a first set of said data objects

corresponding to said program in order to present said program

immediately, said first set of data objects including non-live data objects and one or more live data objects; and

wherein in response to detecting said program is to be stored for deferred playback, said receiver is configured to store first data objects of said first set on said storage device in response to detecting said first data objects are non-live data objects, and store a reference to a second data object of said first set on said mass storage device in response to detecting said second data object is a live data object.

38. (Previously Presented) The system of claim 37, wherein in response to detecting said program is stored on said storage device and playback of the program has been requested, said receiver is configured to:

retrieve said first data objects from said mass storage device;

retrieve said reference from said mass storage device;

utilize said reference to retrieve a third data object which corresponds to said second data object; and

present said retrieved first data objects and said third data object.

39. (Previously Presented) The system of claim 38, further comprising a display device configured for presentation of said program.

40. (Previously Presented) The system of claim 37, wherein said receiver is configured to:

receive a second pushed signal;

detect said third data object in said second pushed signal; and

retrieve said third data object from said second pushed signal.

41. (Previously Presented) The system of claim 37, wherein said receiver is further configured to:

generate a request for said third data object from a remote location; and

receive said third data object in response to said request.

42. (Previously Presented) The system of claim 37, wherein said receiver is further configured to:

receive a second pushed data stream; and

in response to detecting the data objects corresponding to the first pushed signal reference one or more data objects corresponding to the second pushed signal, extract said one or more of said data objects from said second pushed signal, and store said one or more of said data objects from the second pushed signal on said mass storage device.

43. (Previously Presented) The system of claim 37, wherein said receiver is further configured to receive properties associated with the data objects corresponding to the first pushed signal, wherein one or more of said properties are selected from the group consisting of: one or more validity ranges; one or more data object identifiers; one or more version identifiers; and one or more references to a data object.

44. (Previously Presented) The system of claim 37, further comprising a broadcast station coupled to said interactive television receiver, wherein said broadcast station is configured to transmit said pushed signal to said interactive television receiver.

45. (Previously Presented) The system of claim 37, wherein said receiver is further configured to:

detect a cacheable data object of said one or more data objects corresponds to a program not included in said first pushed data stream;

cache said cacheable data object;

subsequently receive and present the program corresponding to the cacheable data object;

access said cached data object; and

present said cacheable data object as part of said program corresponding to the cacheable data object.

46. (Currently Amended) A method implemented in an interactive television system, said method comprising:

  receiving a pushed signal, wherein said pushed signal includes a program;

  parsing at least a portion of the pushed signal to extract one or more data objects;

  in response to detecting said program is to be stored for deferred playback:

    storing a first data object of said one or more data objects on a mass storage device, in response to detecting said first data object is a non-live data object; and

    storing a reference to a second data object of said one or more data objects on said mass storage device, in response to detecting said second data object is a live data object.

  ~~detecting a data object of said one or more data objects corresponds to a program not included in said pushed signal;~~

  ~~caching the data object;~~

  ~~subsequently receiving and presenting the program corresponding to the cached data object;~~

  ~~accessing the cached data object; and~~

  ~~presenting the cached data object as part of the program.~~

47. (Currently Amended) A system comprising:

  an interactive television receiver configured to receive a first pushed signal, wherein said pushed signal includes a program; and

  a storage device coupled to the interactive television receiver;

  wherein the interactive television receiver is configured to ~~:~~ parse at least a portion of the first pushed signal to extract one or more data objects;

  wherein in response to detecting said program is to be stored for deferred playback, the interactive television receiver is configured to:

    store a first data object of said one or more data objects on said storage device in response to detecting said first data object is a non-live data object; and

<u>store a reference to a second data object of said one or more data objects</u>

<u>on said mass storage device in response to detecting said second</u>

<u>data object is a live data object.</u>

~~detect a data object of said one or more data objects corresponds to a~~

~~program not included in said first pushed signal;~~

~~cache said data object;~~

~~subsequently receive and present the program corresponding to the cached~~

~~data object;~~

~~access the cached data object; and~~

~~present the cached data object as part of the program.~~